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PRESIDENT'S
REPORT

1993



THE
UNIVERSITY
OF
MONTANA

A century ago, the people of Missoula bid for the establishment of The University of Montana in their community. Their persistence and the generosity of prominent citizens assured their success. Today, persistence and generosity toward the University are needed more than ever, as growing pressures on the State's fiscal resources try its capacity to fund education. During the next century, support from the community will assure the success of education in Montana at any level.

Since its founding, the University's reliance on the persistence and generosity of its benefactors has become ever more apparent. The State of Montana has always had difficulty providing for the University community's many needs. Yet neither citizen nor government disaffection with the University causes this deficit, but the constraints of an economy spread over immense distances, supported by a sparse population, and dependent on extractive resources.

Only because of private benefactors who recognize the needs of the University and who act in the spirit of civic responsibility can The University of Montana fulfill its mission to the people of Montana.

Lubrecht Forest, long the site of field training for forestry students and a laboratory for researchers, is a prime example of the value of private benevolence. Ed Bandy, a longtime rancher and observer of wildlife specialists and students, willed his ranch to the University for the work of the School of Forestry.

Just this year, Bill Gallagher, a business administration graduate, donated \$1 million as a

**“
We cannot have
great universities
without the
commitment and
support of the private
sector.
”**



One Hundred Years of Service: Lessons of a Century

by

George M. Dennison



challenge to the State to fund a badly-needed new School of Business Administration building. Ian and Nancy Davidson, both University graduates, provided \$1 million to build an Honors College building. Carroll and Nancy O'Connor committed \$1 million toward assuring the continued excellence and responsiveness of the University. Jim Castles, a graduate of the School of Law, donated \$500,000 to the School to assure its continued service to the State and nation.

These few examples of critically important contributions show the significance of generous benefactors; they make all the difference at The University of Montana. Such committed alumni and friends demonstrate the continued relevance of lessons learned a century ago at The University of Montana.

Great societies cannot exist without great universities. And we cannot have great universities without the commitment and support of the private sector. These axioms will hold true well into the next century. The trends are self-evident to those who will see. Thanks to the persistence and generosity of our loyal friends, The University of Montana will not only survive this challenge, but prosper as well.

This report is filled with the excitement and joy of our Centennial celebration. The many faces of The University of Montana at home and abroad shine with the pride of achievement and the joy of community. As we share this grand occasion, we renew our commitments and rededicate ourselves to the work and mission of the University.

During Homecoming in October, the entire University community of faculty, staff, students, alumni, and friends will bring the Centennial celebration to a fitting finale. As we reflect upon the past and prepare for the challenges of the future, we must remember the still-relevant words of our first President, Dr. Oscar J. Craig: "The University — it shall prosper!"

Semester System Arrives

After four years of planning and preparation, UM converted from quarters to a semester system for its academic year. The new schedule means students arrive on campus in August for the first semester, which ends in December, then return in January for the second semester, which ends in mid-May.

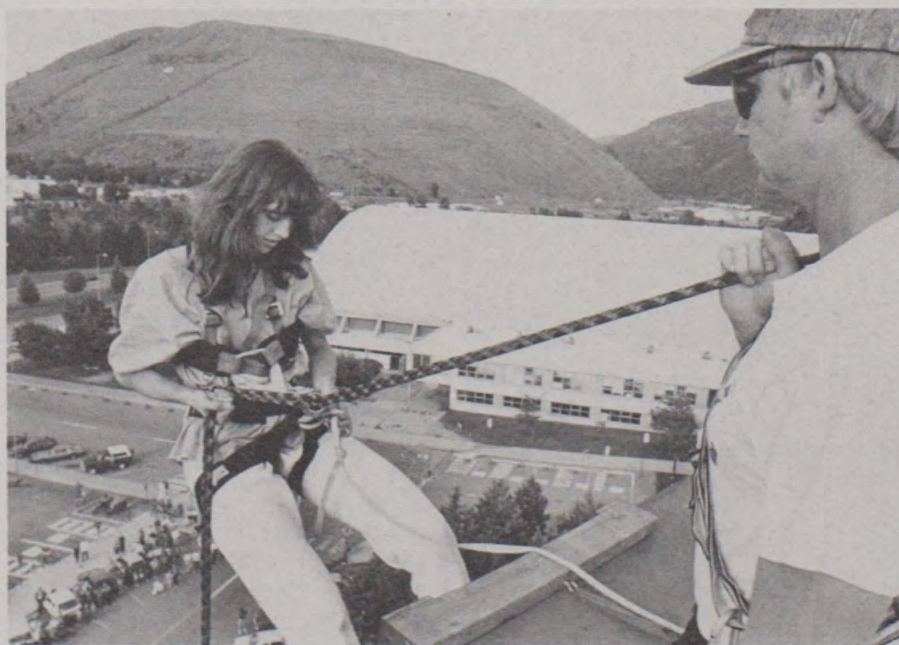
Enrollment Drops Slightly

A 1.6 percent student enrollment drop, the first since 1989, relieved UM officials. Had enrollment reached 11,000 as predicted, it would have exceeded the 2 percent growth ceiling mandated by the Board of Regents.

Northern Exposure

UM's fifth annual bus tour, dubbed "Northern Exposure," was launched Oct. 12. It covered 15 northwest Montana communities in three days, holding luncheons, receptions, and presentations on UM's Small Business Institute and how it can help communities.

Sharon Allen prepares for a rappelling dance, the opening act for the Spring Dance Showcase.



MONTANA AT HOME Highlights of the Year on Campus

A Day Without Art

December 1 was the day UM and downtown Missoula draped all art with black plastic to raise awareness of the toll AIDS is taking on Montana and the nation's creative community. The international observance was organized in Missoula by the School of Fine Arts and the local arts community. A panel discussion on AIDS in Montana and a candlelight vigil and march were held.



Tooting out the jams with the UM Alumni Band.

Law School Teams Winners

UM's moot court team made a clean sweep last November at the Northwest regional competitions. The third-year law students presented written brief and oral arguments during a simulated U.S. Supreme Court case and went on to take the overall championship as well as best oralist honors and first- and second-place awards for written briefs. UM's sweep of the three-day, 16-team event was "unheard of, not just for Montana but for any school," says moot court coach Sharon Snyder. Then in March, the trial team defeated Oregon's Willamette University to take the regional trial-team competition championship for the second straight year.

Campus Listed on National Historic Register

Adding a special luster to UM's Centennial year was the listing of the campus core on the National Register of Historic Places. The listed area includes the Oval, 17 campus buildings, the Clarence Prescott house, and the M on the face of Mount Sentinel.

Missoula basketball fans swarmed Dahlberg Arena in record numbers to see the NCAA Western regional tournament in March. It was the tourney's Missoula debut.



Public Television Arrives at UM

Longstanding dreams of a public television station at UM will come true within the next three years, thanks to a \$1.2 million federal grant and cooperative efforts with Montana State University. The National Telecommunications and Information Administration grant—with the University, MSU and the state chipping in about \$400,000 in matching funds—will enable UM to establish KUFM-TV as a companion to its public radio station, KUFM.

Documentary Takes Honors

A student-produced documentary won the Society of Professional Journalists' national Mark of Excellence Award for in-depth television reporting. The 30-minute program, "Tourism: Beyond the Beauty," looks at the hidden costs, environmental concerns, and other negative aspects of Montana tourism.

A rape recovery service was established at the Student Health Service after a survey found that 8.5 percent of 2,640 UM women students were sexually assaulted during the previous academic year. Most of the rapes occurred off-campus. The service, a safe, non-threatening haven for victims, saw 30 women by the end of fall semester. The University also took immediate steps to raise awareness of the prevalence of sexual assault. A student escort service assures student safety at night.



Australia

Associate Professor of biological sciences **Vicki Watson** was on sabbatical at Murdoch University in Perth, where she helped Australian researchers develop an artificial stream system like the one she built at UM. Watson writes, "Many of western Australia's natural resource issues resemble those of Montana and the American West. The impacts of mining, grazing, and exotic species are big concerns."

UM hosted Australian Week April 20-27, in conjunction with the U.N. Year of the World's Indigenous Peoples. Featured were Australian films, lectures, and a panel discussion between Native American tribal elders and an Aboriginal scholar.

Bahrain

James Cox, chemistry professor emeritus, spent spring semester in Manama as a Fulbright lecturer. He taught science teachers at the University of Bahrain's School of Education.

Czechoslovakia

Martin Fodor, a Czech forestry engineer, was a visiting scholar in the Environmental Studies Program. He led workshops on eastern European issues.



MONTANA ABROAD Notes on Our Far-Flung Scholars

In April, UM entered into a faculty-staff exchange agreement with the University College of Belize. The partnership emphasizes natural resource management.

Belize

Forestry Professor **Steve McCool** was the first faculty member to participate in the new Belize exchange program. He went there to teach international development while, in exchange, **Karen Card**, an accounts clerk at UCB's accounting office, came to Montana to work for UM's Human Resource Services. **Steve Siebert**, forestry adjunct, and **Jill Belsky**, sociology assistant professor, also went to Belize and held an introductory field course in natural resource management.



Indonesia

Jill Belsky went to North Sulawesi to research the local use of marine resources. The Indonesian government will use her survey to plan the "eco-development" of Bunaken National Park. **Amy Ragsdale**, drama/dance professor, taught modern dance at Indonesian arts schools on Bali, Java, and Sumatra last fall.

Fifteen UM students worked the Burgundy grape harvest while living with families in Beaune, France.

Germany

The School of Business Administration and the Department of Foreign Languages and Literatures jointly sponsored a three-week student trip to Heidelberg and Nebian, France. Students toured local businesses, government offices, and cultural and health organizations. A side visit to Munich took them to the BMW plant. Trip leader was **Bob Hollmann**, associate dean of the business school.

Iran

Associate Professor **Nader Shooshtari**, from Ahvaz, is teaching international business and marketing at UM.

Mexico

A group of UM students went to Oaxaca during spring semester to study at the Instituto Cultural Oaxaca.

UM humanities Professor Emeritus Roger Dunsmore with his students at Shanghai International Studies University in China, where he taught modern American literature and English.



Japan

UM political science Professor **Lou Hayes** taught English at Toyo University in Tokyo, and geology Professor **George Stanley** joined the education faculty at Kumamoto University in Kumamoto, Japan.

Yoko Taketomi, a lecturer at Kumamoto, joined the Division of Biological Sciences at UM. **Joe Moll**, a graduate student in forestry, was UM's first intern at the Japan International Cooperation Agency in Tokyo.

Senegal

Julia Watson, a 1992-93 Fulbright lecturer and associate professor of liberal studies, has been teaching at the Université de Cheikh Anta Diop in Dakar, where she supervises the work of 55 master's students. Watson writes of the shock of teaching in a Third World university, even if it is, she says, one of the best-functioning in West Africa: "Audiovisual equipment is unheard of, the book famine seriously undermines classroom instruction, word processors are rare prizes among faculty. But if the privations of education here are severe, the rewards are heady. Students are assertive, even disputatious, and many are well-prepared. Class loads are oppressive, with 10 lecture-only courses a year, each to 100 or more students. Salaries are low. Yet my colleagues seem lively, engaged, aware, hungry for information."

Exploring Roman ruins near Autun, France.





**Former Ambassador
Kim Kyung-won of
South Korea was one
of a distinguished
slate of speakers
from around the
world**

who gathered on the UM campus last April to discuss the future of Asia.

Other speakers who helped lead this year's Mansfield Conference, "Ending the Cold War in Asia," included George Packard, dean of the Paul H. Nitze School of Advanced International Studies at Johns Hopkins University; Yuli Vorontsov, Russian ambassador to the United Nations; Okawara Yoshio, former Japanese ambassador to the United States; and Han Xu, former Chinese ambassador to the United States.

MONTANA VISITORS

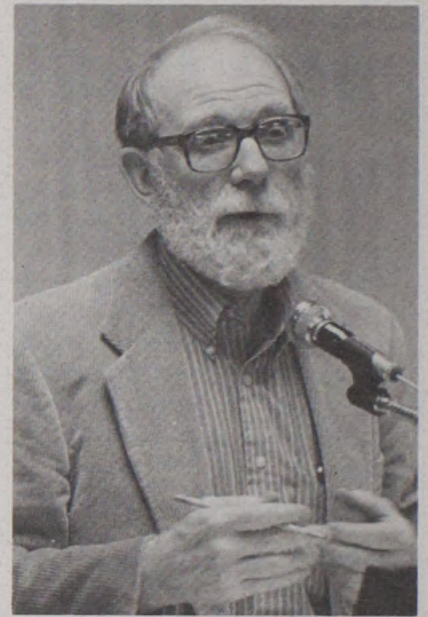
Dean Stone Lecturers

Randy Olson and Melissa Farlow, two prominent photojournalists who are also husband and wife, came to UM in April to give a public lecture and slide show, "Staying Connected: Documenting People's Lives," a showcase of their in-depth photo stories for National Geographic and numerous daily newspapers.

Jean Kilbourne

The internationally-recognized expert on sex roles and the media presented her slide show, "The Naked Truth: Advertising's Image of Women" in April on the UM campus. The show examined how women's role in society is affected by advertising campaigns.

**Jim Ramsay,
Aboriginal scholar,
greets Provost Bob
Kindrick during an
indigenous people's
celebration.**



**Ivan Doig, author of
"This House of Sky,"
came to campus
April 21 and 22 and
read from his latest
work, "Heart Earth."**



**Forest Service mules
clear the "M" trail.**

Happy Birthday UM!

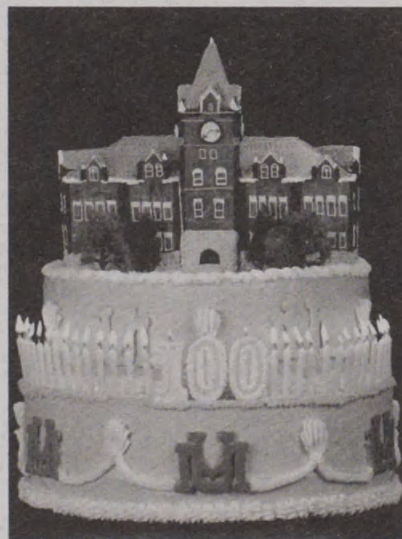
The accomplishments of the past and the promise of the future shared center stage for 1993 as The University of Montana celebrated its 100th birthday with pride, high spirits and plenty of old-fashioned revelry.

Centennial events crowded the calendar throughout the year, but most of the festivities were between Charter Day, Feb. 18, and the Homecoming finale Oct. 2. A gala spring Showcase Week packed a mind-boggling array of events into seven celebratory days.

Charter Day, the traditional celebration of UM's charter by the Montana Legislature in February 1893, was the official kick-off for the Centennial celebration. Campus and community leaders donned turn-of-the-century costumes for the occasion, which featured a re-enactment of the school's Sept. 11, 1895, opening-day ceremony. The First Montana Light Artillery provided a literal blast from the past by firing three cannons on the Oval.

The Centennial theme — "The Next Hundred Years: The University, Montana, and the World" — was reflected in a full slate of events with an international flair.

The University's world connections were particularly evident during Showcase Week, April 25-May 1. The Mansfield Conference drew current and former ambassadors from Russia, Japan, South Korea, and China to discuss "Ending the Cold War in Asia;" international students regaled the community with native costumes, music, dance and food; and 25 top officials from universities in Asia, Europe, Central America, and



The Centennial Ball transformed the University Center into a turn-of-the-century town with a vaudeville theater, black jack, billiards, and a strolling snake-oil salesman.

New Zealand visited for the festivities.

The celebration of diversity continued with Native American Cultural Awareness Week, which coincided with Showcase Week and attracted native cultural leaders, tribal college presidents, and Native American students from throughout the West.

Highlights of the week included a panel discussion on native spirituality and the cultural survival of indigenous peoples, a

candlelight vigil on the Oval to stress the importance of cultural empowerment, and the Kiyi-Yo Indian Club's annual Youth Conference and Powwow.

The weeklong celebration had three major goals: to provide an opportunity for the campus community and general public to experience Native American culture; to foster pride, self-esteem and cultural identity among UM's Native American students; and to communicate that cultural diversity benefits everyone in the community.

UM wrapped up Showcase Week Saturday, May 1, with a day of outdoor family fun and a night of festive frontier time-travel. The daylong May Fete filled the Oval with art, crafts, food, and free entertainment for every taste. A special Children's Corner kept youngsters enthralled with cowboy poetry, face painting, juggling, judo, and the chemistry prowess of G. Whiz.

In the evening, the Centennial Ball transformed the University Center into a turn-of-the-century town complete with vaudeville theater, black jack, billiards, and a strolling snake-oil salesman. Revelers took buggy rides around the Oval, watched silent films in the Golden Spike Theatre, and wetted their whistles in the Last Chance Before Dry Gulch Saloon.

Other Showcase Week highlights included the first Northwest performance in 50 years of Gustav Mahler's famed "Symphony of a Thousand;" a law school re-enactment of an 1893 Montana Supreme Court case; campus historical tours led by guides in period costume; an Arbor Day planting of 56 trees and shrubs, one for each Montana county; and a wide range of concerts, lectures, and displays.

With events to entertain, inspire, and educate, UM's Centennial bash provided all who participated with enough memories to last another 100 years.



Centennial Scrapbook



Clockwise, from right:
Udo Fluck, president of the International Student's Association, leads the Parade of Nations during May Fete.

Johnna Espinoza, office products consultant at the UC bookstore, in costume at the Centennial Ball.

UM President George Dennison and his wife, Jane, greet visiting dignitaries from Kumamoto, Japan, at the Centennial Ball.

The Honor Dance at the Kyi-Yo Pow Wow takes on an international flavor.

African students performing their native dances during the May Fete celebration on the Oval.

Reptile Man **Sam Manno** lets a May Fete celebrant try on a real boa.



Annie Pontrelli, Centennial coordinator, in costume for a video presentation during Showcase Week.

Montana Governor Marc Racicot poses with the international community visiting the UM campus during Showcase Week.





TV producer John Shaffner, '74, Fine Arts, was a 1992 Distinguished Alumnus.

MONTANA FACES Our 1992-93 Award Winners

Alumni

Distinguished alumni for 1992 and 1993 are Missoulian **Lorin Hearst**, '53, forestry; **William R. Schwanke**, marketing and media relations director for UM athletics; retired Stanford University librarian **Marlon McGill Smith**, '38, library science; facial reconstruction surgeon **Dr. Roger West** of Seattle, '63, pharmacy; **James Browning**, chief judge emeritus of the Ninth Circuit Court of Appeals, '41, law; **Marie Rose Browning**, '41, zoology; retired newspaper publisher **George Remington**, '50, journalism; and Spokane Spokesman-Review reporter **Julie Sullivan**, '87, journalism.

English Professor Gerry Brenner was named this year's distinguished teacher.

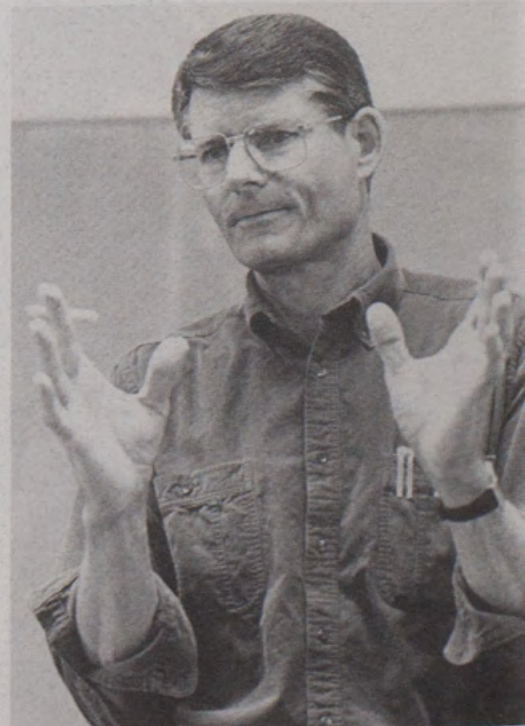
Scott Bear Don't Walk, a 23-year-old philosophy student, became the University's 27th Rhodes Scholar.



UM law school students Geranios, Caroline Byrd, Northwest trial-team

Students

Thomas Christopher King, a senior in education, received the Student Service Award. The Hamilton native was an ASUM senator and the chair of the University Center Board.



Jack Thorndike



Heidi Fanslow, Nikolaos and Laura Amon took the championship in March.

Faculty

Winners of Zenith Data Systems' first-place awards in their Masters of Innovation IV 1992 competition are geology Associate Professor and Chair **Steven Sheriff** and Adjunct Research

Professor **Jerry Bromenshenk** of UM's biological sciences division. Sheriff won the education category for his six geophysics computer programs. Bromenshenk took top honors in the liberal arts and sciences category for his computer programs on using honey bees to monitor environmental hazards.

Professor **Richard Dailey**, a specialist in business policy and ethics and the former director of UM's Small Business Institute, won the John Ruffatto Achievement Award for his work with the business community. Economics Professor **Richard N.**

Barrett received the Faculty Service Award. College of Arts and Sciences Dean **James A. Flightner** received the Pantzer Award, presented to someone who's made the University a more open and humane learning environment.

The 1993 Distinguished Scholar Award went to English Professor **William Kittredge**, well-known in American letters as an essayist. Professor **Maureen Curnow**, chair of the foreign languages and literatures department, won the Academic Administrator Award.

Staff

Controller **Rosl Keller** received the Administrative Service



Accounting and finance Professor Teresa Beed was named most inspirational teacher.

Award. **James Sullender**, a volunteer in the Mansfield Library's circulation department, won the Outstanding Volunteer Award. **Anne Gehr**, a program analyst at Computing and Information Services, won an Outstanding Staff Award.



Bettina Burke, secretary for the Native American Studies Program, won an Outstanding Staff Award.

Sheila Stearns, vice president for university relations, became interim provost of Western Montana College.



CLARENCE PRESCOTT 1893-1993

A centennial milestone was passed in 1993, not just for the University, but also for the man who grew up in its midst. Clarence Prescott, Jr. celebrated his 100th birthday on May 1 of this same year, during the height of the Centennial festivities. Then, two weeks later, he passed away after a brief bout with pneumonia.



Prescott spent almost his entire life in an 11-room Victorian farmhouse at the foot of Mount Sentinel. From its veranda he witnessed the growth of the University, from the days when Main Hall stood alone in an open field to more recent times, when the burgeoning

campus pressed in close to his flower-filled garden.

Prescott was born on the property in a homestead cabin in 1893, the same year UM received its charter. He once said his earliest memory of the University was of watching workers dig the basement of Main Hall by hand in 1898. He remembered throwing rocks into it. He also bore witness to the disappearance of the bears, coyotes, and game birds that once roamed the campus. He recalled the days when Indians camped nearby and how he attended a grammar school taught by UM students.

Prescott's house is known to every alumnus of the University. It was built by Prescott's father, Clarence Sr. The elder Prescott was a nephew of C.P. Higgins, one of Missoula's founders. In 1955, UM bought the house and granted Clarence Prescott Jr. lifetime tenancy. In 1985, the house was named to the National Register of Historic Places. The University proposes to restore the building and use it for receptions and meetings.



By assigned mission, role, and scope, The University of Montana is a research-oriented institution. As such, it shares with other research universities the responsibility to develop and disseminate knowledge. Research leads to the development of new knowledge and insight, but it also contributes vitally to teaching and service at the University. Because of this symbiotic relationship, only at our peril do we fail to maintain the proper balance among teaching, research, and service, the three components of the University mission.

Not all colleges and universities have discovered and established the proper balance. As a result, a clarion call for reform has swept across the country urging a return in higher education to basics and renewed attention to our primary responsibility in teaching. At The University of Montana, the faculty has kept teaching high on the agenda. While we, as do all research university faculties, need to take stock and assess our situation, we can do so without the accompanying strain and trauma that has troubled other campuses.

Because we have something closer to a proper balance, the students and people of Montana have reaped the benefits. Faculty members have involved graduate and undergraduate students in research and creative projects, thereby helping to prepare the next generation of leaders for the challenges of the future. Moreover, these scholars have competed successfully for external funds to support research and graduate education. Within two years, the faculty more than doubled the volume of funded research conducted on

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 ”

Research at The University of Montana

by
 George M. Dennison



campus, and the involvement continues to expand. They did this by focusing closely upon their projects, whether the funding proposals succeeded or not. In a word, they honored the mission of the University rather than succumbing to the lure of funds from any and every source for unrelated activities.

Success in attracting external funds to support research, creative activity, and graduate education has a powerful impact upon the campus. Grants and contracts pay direct costs of sponsored projects, thus allowing the University to appoint additional faculty and staff members at no cost to the State or the students. These faculty and staff bring new expertise and talent and the contract and grant funds enable us to acquire modern, state-of-the-art equipment for both research and instruction. Contracts and grants also support graduate students. Finally, recent studies show these dollars have a multiplier effect of three to five in the State and local economy. The State, the local community, and the University benefit significantly from this involvement.

Funded research can become the tail wagging the dog, if not properly controlled. To respond opportunistically to every funding possibility destroys the proper balance that keeps the University on track. The research undertaken must fit the programs and aspirations of the University. At The University of Montana, as the following examples will demonstrate, the faculty has acted to assure that result. Research funds assist the faculty in the development, maintenance, and delivery of instructional and technical assistance programs rather than diverting them from their primary assignments. Faculty members retain and exercise the freedom to select the research foci most appropriate to their interests and expertise. The American research university that sustains the proper balance is the envy of the world. At The University of Montana, we aspire to and pursue that ideal.

Mapping the Habitat

UM forestry Professor Steve Running's research team is playing a key role in NASA's multibillion dollar plan to study the global climate.

The team has an 11-year, \$7.9 million NASA contract, the largest grant in the history of the Montana University System, to build satellite monitoring tools to observe and forecast how the Earth's vegetation responds to changes in land use and climate.

Running's specialty is using satellite data and computer simulation to evaluate the health of forest ecosystems and forecast their future. That research, financed by earlier NASA grants exceeding \$1 million, led to his selection to work on a sensor for the space agency's \$11 billion Earth Observing System (EOS), a multi-mission satellite scheduled to go into orbit in 1997.

EOS will continuously monitor Earth's land, atmosphere, and oceans, gathering more satellite Earth observation data during its first week in space than has been collected in the past decade, Running says. Ultimately, that data will help policy makers solve problems like global warming.

After EOS is in orbit, Running will map photosynthesis throughout North America every week. NASA will use Running's maps to monitor regional drought and pollution.

Although Running's NASA project has a global focus, he stresses it will also provide start-up money for land-management projects in Montana.

Books for the Blind

Five years ago, UM helped launch a fledgling operation that converted textbooks, manuals and reference materials into computer formats for people who cannot read standard print. That pioneering outfit is now the research and development arm of Recording for the Blind, the world's leading provider of books in alternative formats.

Current Research and Community Service

**An \$11 billion Earth
Observing System
will gather more
satellite data in one
week than has been
collected in the past
decade.**

Once on diskette, the converted books and other reference materials can be used by visually impaired readers through computer techniques like large-print displays, textured braille screens, and speech synthesizers that convert text to an audio program.

The unit began as a program of UM's Rural Institute on Disabilities, with the idea of incubating the Missoula business until it could thrive on its own. Its adoption by Recording for the Blind in 1991 more than fulfilled those expectations. Although RFB is based in New Jersey, its UM-fostered research and development division is in

Missoula to stay, says division chief George Kerscher, who founded the operation as Computerized Books for the Blind. The unit moved off campus last year, but it maintains a close relationship with the University.

UM Shares Resources

In recent years, The University of Montana has increasingly shared its faculty members' expertise and sophisticated equipment with local biotechnology companies. For example, a strong link has been forged between UM and the innovative Nurture Inc. of Missoula, a company recently featured in the business section of The New York Times.

The company produces the versatile oat-based product Nurture, used as a cosmetic, oil-spill remediator, food preservative, sunscreen, and pesticide carrier.

Nurture is made by a solvent-extraction process that turns 1.1 million pounds of oat grain into 1 million pounds of microparticles that trap almost any water- or oil-based liquid, then gradually release it.

Not long ago, Nurture Inc. joined forces with UM Student Health Service Drs. Kathy Basket and Jack Bruckner in a three-month-long study comparing Nurture's acne medication with Clearasil Maximum Strength. The 21 UM students who finished the study applied Nurture to one side of their face, Clearasil to the other, without knowing which product was which. Basket and Bruckner monitored the students' progress, periodically sending videotapes of what they saw to Missoula's Community Medical Center for review.

Nurture came out the winner. "There was a 2-1 margin of preference over Clearasil," Steve Bixby, a Nurture Inc. research biochemist, says. He attributes Nurture's success largely to the addition of mineral oil and oats to the standard acne-fighting preparation. "It was very useful to have data from UM. It really gave credibility to our statements."

As a result of that study, Nurture Inc. is talking to more than 20 cosmetic companies about its acne medication.

Taxing Timber

Cutting-edge technology at the University of Montana School of Forestry is helping the state Department of Revenue change the way it taxes private commercial forest land.

In response to a 1991 state law mandating forest taxation be based on potential timber production instead of the amount of standing timber on private land, UM is creating highly sophisticated maps that will capture the effects of climate and soil on forest productivity. They will be used to implement the new tax system, which goes into effect in 1994.

Using satellite imagery and biophysical modeling, the maps will cover all areas in the state with privately-owned timber, including commercial forest

larger than 15 acres and non-commercial forest larger than five acres. Project leaders are Associate Professor Kelsey Milner, a forest biometrician; Professor Steve Running, an ecophysiologicalist; and Professor Hans Zuuring, the director of the forestry school's Geographic Information Systems Lab. Aiding them are research associate, Ken Wall, Dean Coble, and Tong Du.

"This should promote sound forest practices," Milner says of the new taxation plan. "You're paying taxes on the potential of your land, so you're hurting yourself if you're not keeping up your potential."

Free Consulting

The University of Montana School of Business Administration's Small Business Institute provides free management services to small Montana businesses and gives UM

business students the opportunity to test classroom principles in the field. In 1992-93, about 145 business students worked with more than 65 businesses. Their projects included assessing a proposed ski area in the Libby area, developing a marketing plan for a local computer software manufacturer, and creating a business plan for a new backpacking/outfitting business.

The institute is one of the most active members of a joint program between the U.S. Small Business Administration and other universities nationwide. Students may spend as much as 50 hours on their consulting projects.

UM management Associate Professor Paul Larson, the new director of the institute, replaced longtime institute Director Dick Dailey in May 1993. Larson is the author of "The Montana Entrepreneur's Guide" and has been involved with the Institute for more than 10 years.

Grants

The University received a record \$17,250,850 in grants and gifts this year, over \$3 million more than in 1991-92. This is the third consecutive record-setting year for external research funding, reflecting the increasing breadth of UM's research, and the arrival of outstanding new faculty who have attracted funds. Here are a few of UM's most recent grants.

Nancy and Ian Davidson, UM alumni and long-time benefactors, gave \$1 million for the construction of an Honors College building on the central campus.

A \$384,000 grant from the **National Science Foundation** is funding an ecosystem information system being developed by Ray Ford of Computer Science, Steve Running, and Ramakrishna Nemani of Forestry, and Roland

Redmond of the Montana Cooperative Wildlife Research Unit.

St. Patrick Hospital's Chalice of Repose Project has given the University \$6,700 to translate 11th century manuscripts that could aid the project in its work to soothe those who are near death.

A \$1.2 million grant from the **U.S. Department of Commerce** will finance the development of a public television station at UM.

Missoula County gave \$93,037 to the geology department to study the cumulative effects of domestic sewage on groundwater in the Missoula valley.

Gary and Donna Hammond of Great Falls donated a \$10,500 endowment in memory of their daughter, Kimberly Hammond, to buy books each year for the use of Upward Bound students enrolled at UM.

Scholarships

Dean and Evelyn Robertson of Helena have endowed a \$10,000 scholarship in memory of their son, Alan D. Robertson, for a political science major from Montana, based on academic achievement and leadership.

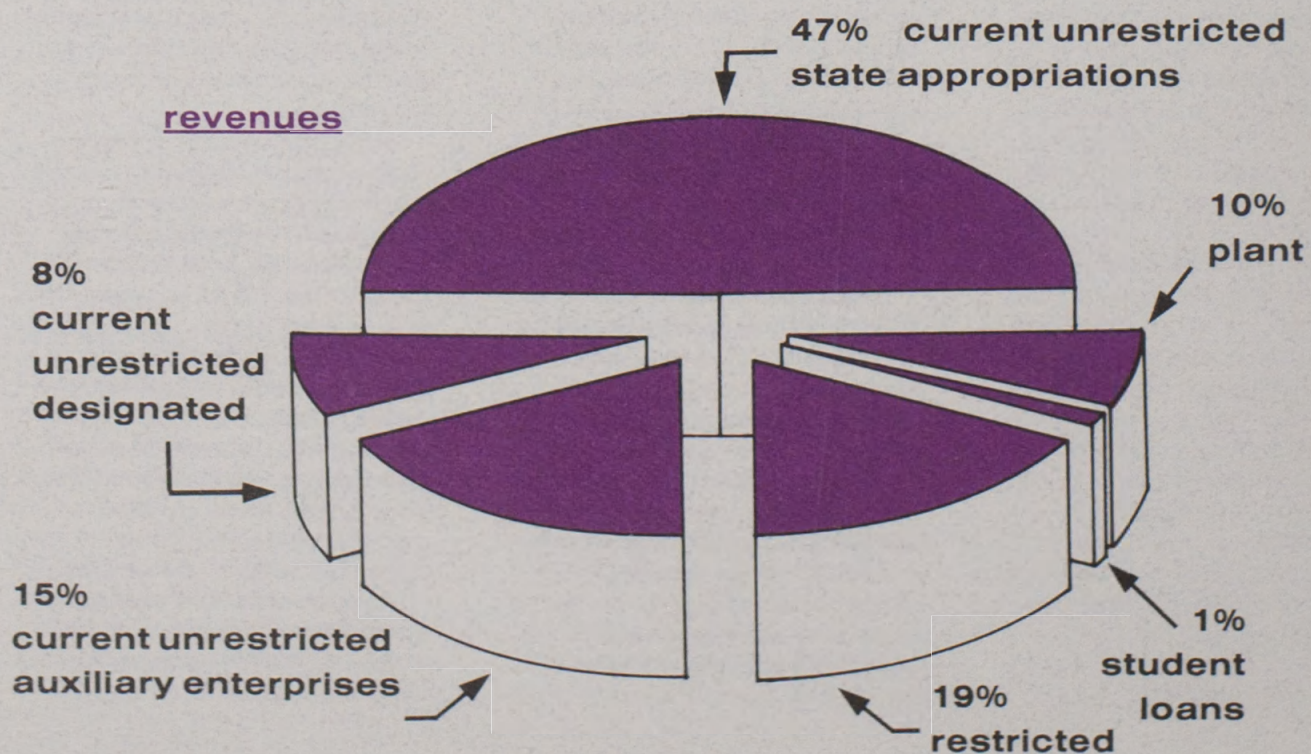
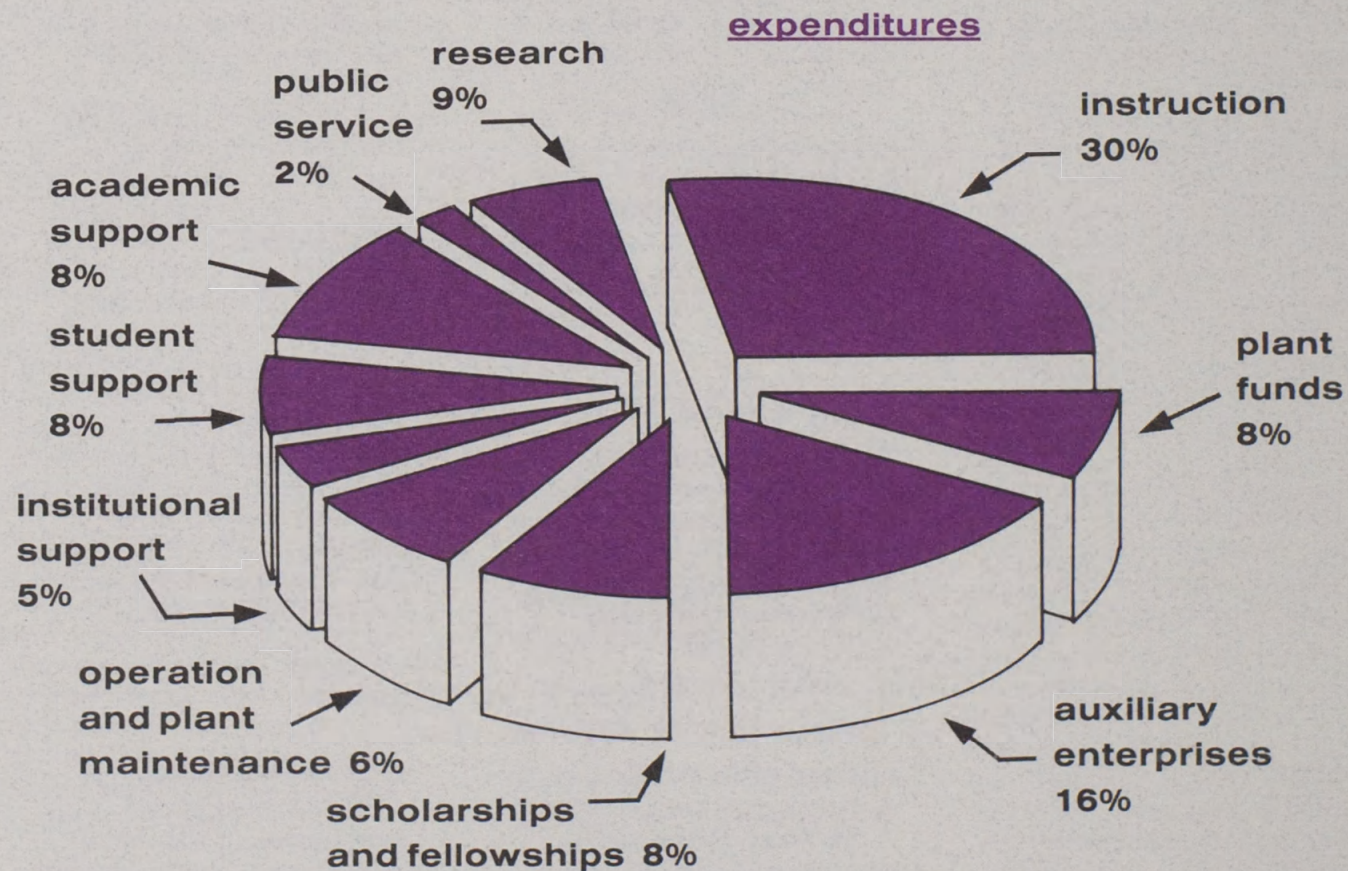
A \$3,000 Larcombe Family Scholarship will be endowed by commercial real estate recently given to UM by **James R. '54, Mary Ann '54, and William E. Larcombe '56**, for a journalism student each year.

President George and Jane Dennison have contributed \$10,000 and pledged another \$15,000 to endow the George M. and Jane I. Dennison Scholarship, for an enrolled member of the Salish and Kootenai Confederated Tribes.

The Dennis R. Washington Foundation has established an annual \$1,000 scholarship for Montana residents.

FISCAL YEAR 1993

For the Year Ending June 30th



September, 1993

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